

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Andrew Michael Duggan et al.

§

§

§

§

§

§

§

§

§

§

§

§

§

§

§

Group Art Unit 3725

Serial No.: 10/809,042

Confirmation No.: 5804

Filed: March 25, 2004

For: TUBING EXPANSION

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

DECLARATION UNDER 37 C.F.R. §1.132

I, Neil A.A. Simpson, hereby declare and state that:

1. I am a Graduate engineer. I hold a Higher National Diploma in Mechanical Engineering from High Wycombe College. My experience includes over thirty years working in the Oil Industry, comprising eight years operational drilling and petroleum engineering, on land and offshore, ten years operational and company management in the offshore service sector and seventeen years company management and consultant engineering.
2. I have worked for over twenty years designing tools for the oil industry. Many of those tools relate to technology for expanding tubular bodies within a wellbore.
3. I am an inventor on U.S. Patent No. 6,543,552 entitled "Method and Apparatus for Drilling and Lining a Wellbore."
4. I have reviewed the '552 patent. The expander 20 disclosed in the '552 patent generally includes a first expansion device 30 and a second expansion device

32. The first expansion device 30 includes rollers 38 that contact and expand a tubing 18. Figure A below is part of Figure 2 in the '552 patent. The portion "X" shown in Figure A does not expand the tubing by inducing a hoop stress.

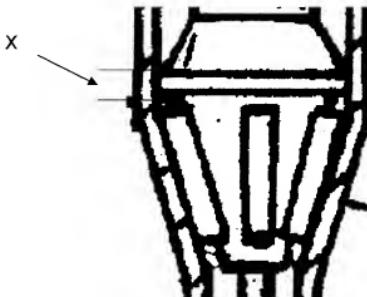


Figure A

The undersigned, Neil A.A. Simpson, hereby declares that the statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC §1001, and that such willful false statements may jeopardize the enforceability of the above-entitled patent application or any patents issued thereon.

Date: 15 Feb 2009

By: Neil A. Simpson  
Neil A.A. Simpson